WHAT IS CLAIMED IS:

- 1. An apparatus for positioning medical treatment devices or treatment supporting devices by a transportation means to move said devices to a predetermined position, wherein said transportation means includes an automatically guided transport system.
- 2. The apparatus as set forth in claim 1, wherein said transportation means comprises a movable vehicle on which said device is positioned.
- 3. The apparatus as set forth in claim 1 or 2, wherein said automatically guided transport system comprises at least one of the following navigation systems:
- optical tracking, particularly by means of a ground guidance band, actual value markers as well as an optical sensor and a path measuring system provided at said transportation means;
- laser navigation, particularly by means of a laser, reflectors and a path measuring system provided at said transportation means;
- magnetic navigation, particularly by means of a ground floor magnetic track as well as a magnetic strip, gyroscope and path measuring system provided at said transportation means;
- inductive guidance, particularly by means of a ground guidance wire with frequency generator, actual value generators as well as driving and steering antennae and a path measuring system provided at said transportation means.
- 4. The apparatus as set forth in any of claims 1 to 3, wherein said device is a nuclear spin tomograph.
- 5. The apparatus as set forth in claim 4, wherein said nuclear spin tomographic device comprises super-conductive coils of a magnetic flux density of approximately 0.5 Tesla.

- 6. The apparatus as set forth in any of claims 1 to 3, wherein said device is one of the following:
- a device related to computer tomography;
- an x-ray bow;
- a microscope, particularly a surgical microscope;
- an operating table;
- a surgeon's stool;
- a treatment navigation device;
- anesthesia-related devices;
- vehicle for accessories;
- autoclave devices;
- patient-supervising monitors;
- sterile material.
- 7. The apparatus as set forth in any of claims 1 to 6, wherein said transport system is provided at the transportation means and comprises a radio or wire interface for external control.
- 8. A method for positioning medical treatment devices or treatment supporting devices, said devices being moved to a predetermined position by a transportation means, wherein said transportation means is controlled by an automatically guided transport system.
- 9. The method as set forth in claim 8, wherein said automatically guided transport system uses at least one of the following navigation systems for steering purposes:
- optical tracking, particularly by means of a ground guidance band,
 actual value markers as well as an optical sensor and a path measuring system
 provided at said transportation means;
- laser navigation, particularly by means of a laser, reflectors and a path measuring system provided at said transportation means;
- magnetic navigation, particularly by means of a ground floor magnetic track

- as well as a magnetic strip, gyroscope and path measuring system provided at said transportation means;
- inductive guidance, particularly by means of a ground guidance wire with frequency generator, actual value generators as well as driving and steering antennae and a path measuring system provided at said transportation means.
- 10. The method as set forth in claim 8 or 9, wherein a mobile nuclear spin tomographic device is transported.
- 11. The method as set forth in claim 8 or 9, wherein one of the following devices is being transported:
- a device related to computer tomography;
- an x-ray bow;
- a microscope, particularly a surgical microscope;
- an operating table;
- a surgeon's stool;
- a treatment navigation device;
- anesthesia-related devices;
- vehicle for accessories;
- autoclave devices;
- patient-supervising monitors;
- sterile material.
- 12. The method as set forth in any of claims 8 to 11, wherein said transport system is provided at said transportation means and is externally activated via a radio or wire interface.
- 13. The use of an automatically guided transport system for positioning medical treatment devices or treatment supporting devices by a transportation means to move said devices to a predetermined position.

14. The use as set forth in claim 13 by employing an apparatus as set forth in claims 1 to 7 or a method as set forth in claims 8 to 12.